

Scope of project

Eligible fields of research ■ All fields of science and technology

Target countries and areas ■ All countries and areas listed as Japanese ODA recipients*

Counterpart institutions ■ Research institutions located in developing countries that work on behalf of the public interest (except military-affiliated research institutions)

Japanese researchers ■ Researchers who belong to Japanese academic institutions (universities, public research institutes, or research institutes that work for the public interest), and who are engaged in research activities in such institutions. Researchers should be under age 65 and have sufficient experience and related knowledge to carry out the joint research requested by the host institution.

Period of research ■ Generally two years or shorter (depending on the request)

*Although China is listed as Japanese ODA recipients, this program does not cover China. For cooperative programs with China, please see other equal partnership programs.

Notandum


Dispatched researchers may apply for intellectual property rights on the results of the joint research to the extent that the application does not disadvantage the research institution in the host country. As a rule, applications for intellectual property rights are made through the researcher's affiliated institution. Researchers may publish the results of the joint research and copyright their papers for the purpose of promoting scientific advancement in both Japan and the counterpart country.

Science and Technology Cooperation on Global Issues

This program is implemented as an instrument for advancing the policy 'Strengthening Scientific and Technological Cooperation with Developing Countries'.

To achieve this end, this program is linked with *JST's program "Science and Technology Research Partnership for Sustainable Development," which supports not only technical cooperation by experts, but also training in Japan and the provision of equipment and materials, taking the form of a JICA technical cooperation project.

*JST: Japan Science and Technology Agency



Dispatch of Science & Technology Researchers



JSPS

Japan Society for the Promotion of Science

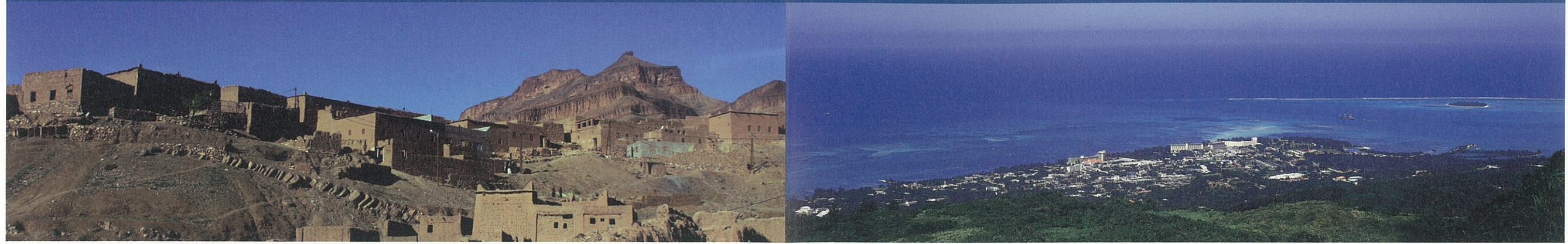
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Japan Society for the Promotion of Science



Japan International Cooperation Agency



Strengthening Scientific and Technological Cooperation with Developing Countries

About the Program

Over recent years, several issues, such as environmental degradation, energy shortages, natural disasters and infectious diseases, have emerged on a global scale. In coping with them, it will be necessary for the developed nations of the world to contribute to capacity building within the universities and research institutions of developing countries. One way of doing this is through the exchange of researchers between developed and developing countries. Such a measure needs to be added to the conventional approach of technology transfer to support sustainable development in developing countries. In response to this need, Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT) and Ministry of Foreign Affairs (MoFA) launched the program "Science and Technology Cooperation on Global Issues" in 2008 as an instrument for implementing the governments policy to "Strengthen Scientific and Technological Cooperation with Developing Countries". The new program has two components : "Science and Technology Research Partnership for Sustainable Development" and "Dispatch of S&T Researchers". Under the latter, the most suitable Japanese researchers are dispatched to developing countries to engage in joint research according to needs of the counterpart countries.

This program is expected to make significant international contributions through joint research that is expected to develop and apply new technologies while generating new concepts and knowledge, while enhancing the research capacity of Japan and its counterpart countries.

Implementation System

This program is implemented via collaboration among MoFA, MEXT, Japan Society for the Promotion of Science (JSPS), and Japan International Cooperation Agency (JICA) through a new system established for promoting international joint research with developing countries.

As to the implementation process, MoFA and JICA receive requests from developing countries for the 'Dispatch of S&T Researchers'. They review these requests along with MEXT to start the dispatch process. The researchers are dispatched to the requesting countries as JICA experts upon their selection by MEXT and JSPS.

The research is carried out effectively through fieldwork and other activities by Japanese researchers and their colleagues in the developing country. Such collaboration also works to build a stronger research infrastructure and to foster researchers and technicians in developing country, strengthening its ability to tackle problems on it own power.

Operational system inside Japan

1 Selection of candidates by JSPS

JSPS makes effective use of its network of researchers and academic institutions to collect and analyze information on meeting the 'needs' of the countries requesting researchers and decides upon a strategy, in consultation with MEXT, for selecting the researchers to recommend to JICA. For this purpose, JSPS utilizes working committees comprising external authorities with knowledge and experience in international cooperation with developing countries and of science and technology.

2 Dispatch of experts by JICA

Researchers dispatched under this program engage in joint research in the developing countries as JICA experts. The counterpart countries and institutions are required to take necessary measures, including covering some expenses, to implement the joint research activities, while other expenses are covered based on JICA's regulations. Dispatched researchers are required to carry out the research activities based on an agreement made with JICA and to take responsibility to submit a research plan and progress reports on the activities.

Implementation System

